

Title (en)

Pan head device

Title (de)

Panoramakopfanordnung

Title (fr)

Dispositif de tête panoramique

Publication

EP 1657484 A1 20060517 (EN)

Application

EP 05024450 A 20051109

Priority

JP 2004327819 A 20041111

Abstract (en)

The present invention provides a pan head device capable of suppressing an influence of wind pressure by downsizing the entire pan head device. A tilt motor (25) of a pan head device (10) is fixed to an inner wall portion of a casing (22) of a rotary part (16), and a worm gear (24) mounted to an output shaft is meshed with a worm wheel (27) fixed to a tilt shaft (26). A television camera housing (12) is mounted to one end side of the tilt shaft (26), and a transmission device (14) is mounted to the other end side. When an operator remotely operates the tilt motor (25) by operating a controller (42), the tilt shaft (26) rotates around an axis B, and therefore, the television camera housing (12) and the transmission device (14) are operated to turn in the same vertical direction at the same time. As a driving device for the television camera housing (12) and the transmission device (14), the tilt shaft (26) and one tilt motor (25) are commonly used, and therefore, the entire pan head device can be downsized, whereby an influence of wind pressure can be suppressed as much as possible.

IPC 8 full level

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CPC (source: EP US)

F16M 11/10 (2013.01 - EP US); **F16M 11/18** (2013.01 - EP US); **F16M 11/2014** (2013.01 - EP US)

Citation (applicant)

JP 2004096519 A 20040325 - CANON KK

Citation (search report)

- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04 2 April 2003 (2003-04-02)
- [DA] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by

CN104500938A; CN102359700A; CN110868524A; CN110440108A; US8628258B2; WO2012007244A1

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